

TITLE

## PLANT PROTEIN DISULFIDE ISOMERASES

ABSTRACT OF THE DISCLOSURE

This invention relates to an isolated nucleic acid fragment encoding a protein  
5 disulfide isomerase. The invention also relates to the construction of a chimeric gene  
encoding all or a portion of the protein disulfide isomerase, in sense or antisense orientation,  
wherein expression of the chimeric gene results in production of altered levels of the protein  
disulfide isomerase in a transformed host cell.

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